



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Wednesday August 5, 2015

Issued: 0800 CT

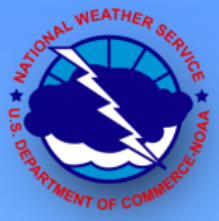
Day 1 Hazards: Slight risk of severe thunderstorms over north and NE OK, NW and central AR

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Mark Wiley
817-978-1100 x 147

Key Points



Wednesday

- Severe thunderstorms possible across northern and northeastern OK into northwestern and central AR
 - Damaging wind/hail and isolated areas of flash flooding
- Heat index of 103-105 for much of OK, TX, AR, LA

Thursday - Sunday

- Heat continues to build across OK, TX, AR, LA with heat index values of 105-110 starting Friday and continuing into the weekend

Tropical Outlook

- Tropical activity is not expected over the next five days

*FEMA Region 6 Threat Matrix

Aug 5, 2015 - Aug 9, 2015

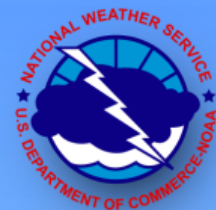
DAY/ THREAT	WED	THU	FRI	SAT	SUN
Severe Weather	N/NE OK, NW/Central AR				
Heavy Rain /Flash Flooding	N AR				
Heat	TX/OK/AR/LA				
Tropical					

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We continue to welcome feedback on our new color scale (details in the next slide). Please send comments to sr-srh.roc@noaa.gov.



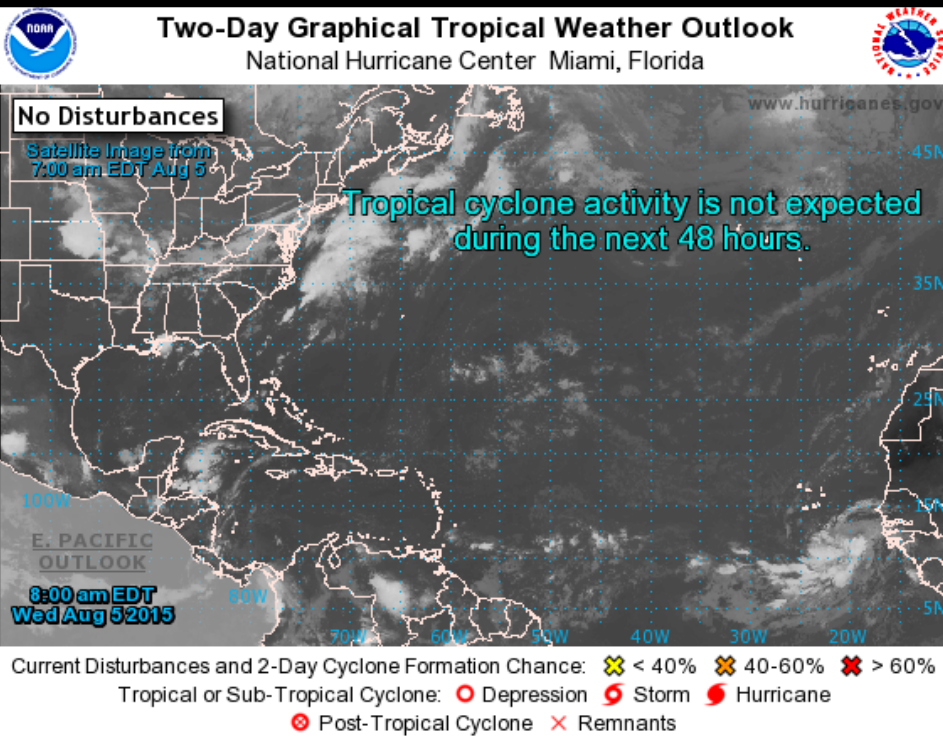
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



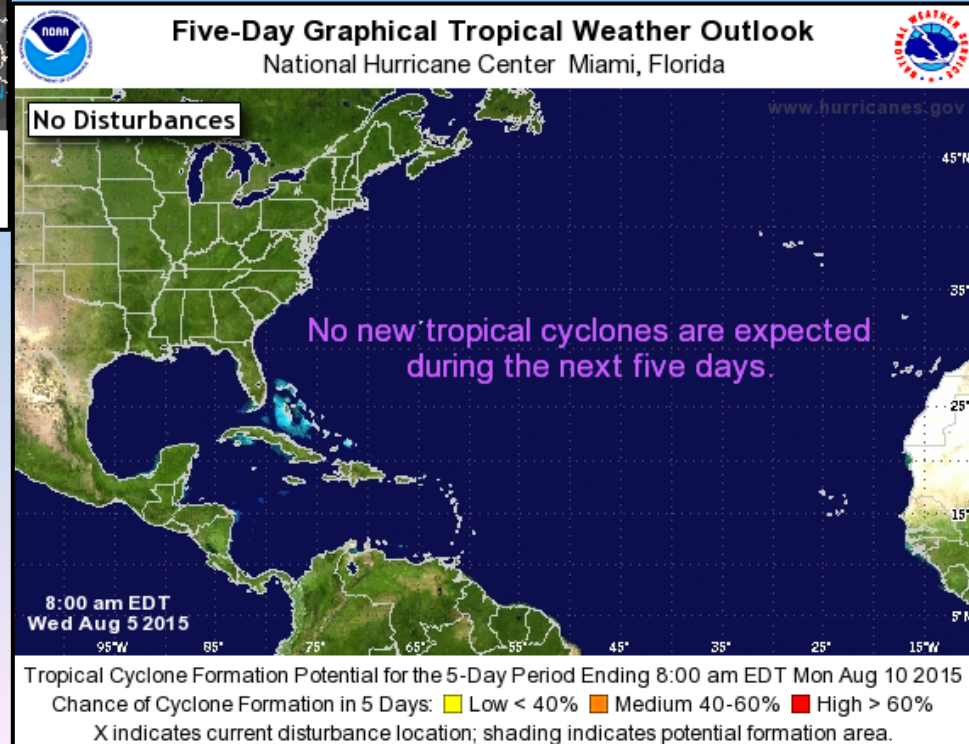
Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

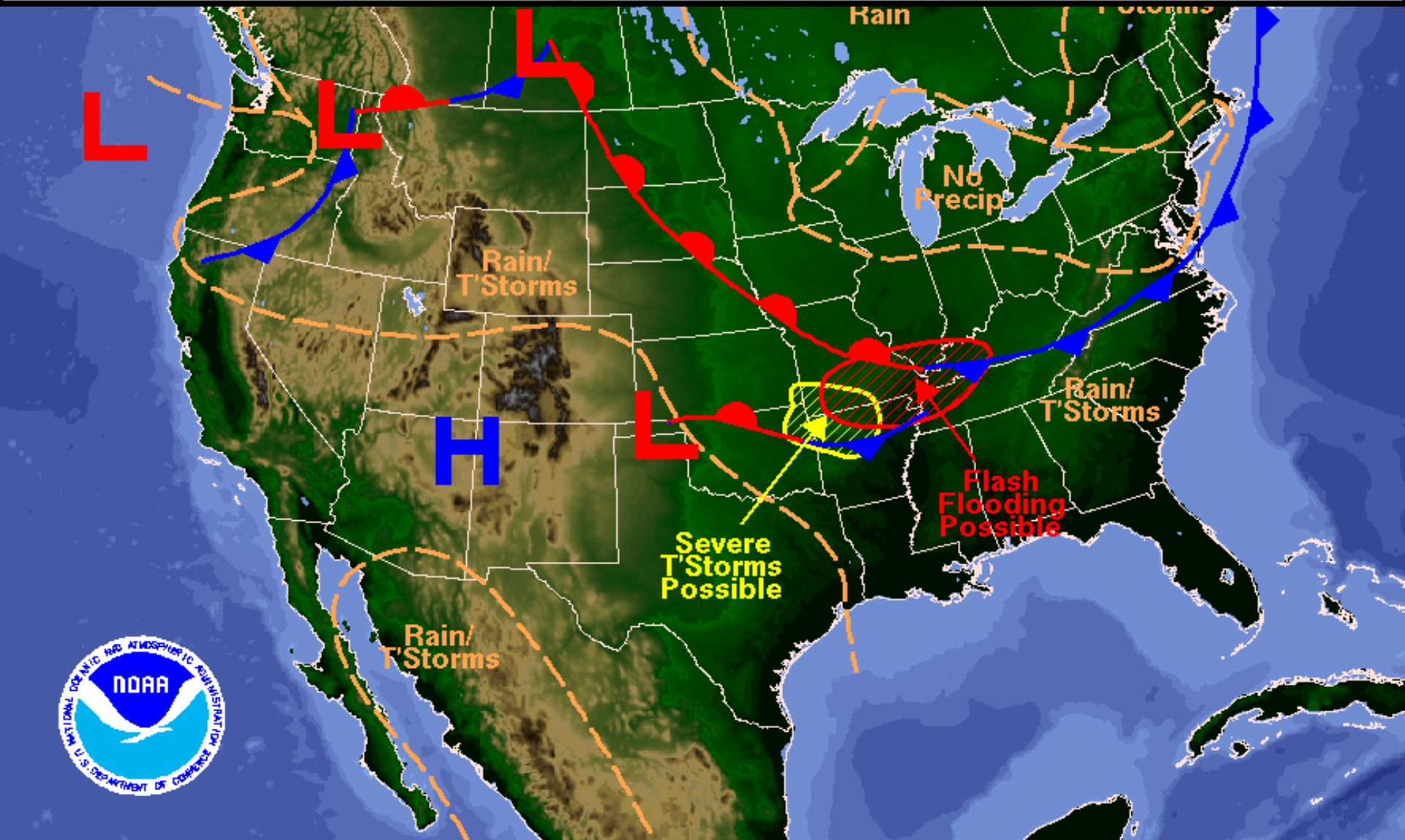
Atlantic/Gulf Tropical Weather Outlook



Tropical cyclone formation is not expected the next 5 days



Today's Weather



Weather Forecast for Wed, Aug 05, 2015, issued 4:27 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

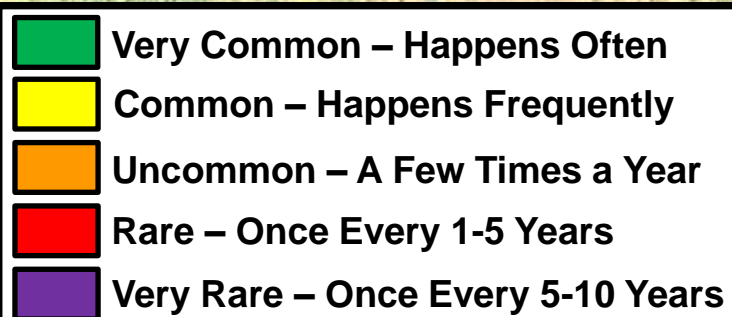
Day 1 Weather Hazards

Valid: 0800 Wed - 0800 Thu



Slight risk of severe
thunderstorms
Isolated Heavy Rain
Flash Flooding

Heat index 103-105 for
much of TX/OK/AR/LA



*Threat levels are based on FEMA
Region 6 criteria. State or local
threat level criteria may differ.

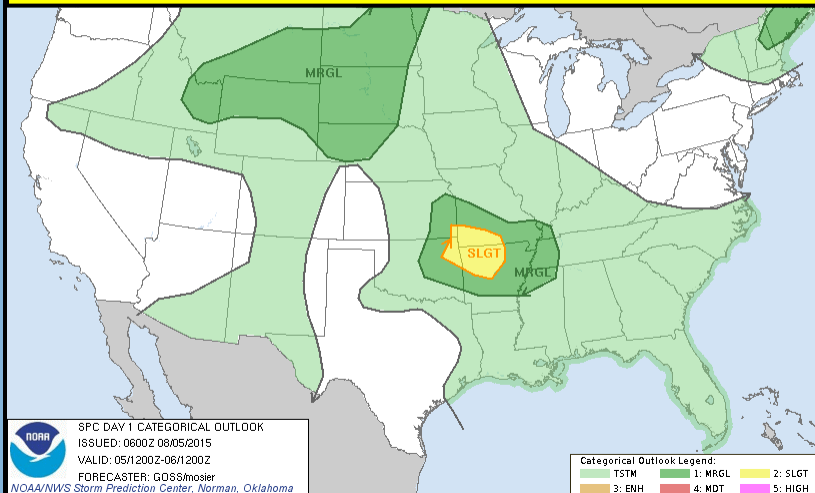


Wednesday, August 05, 2015

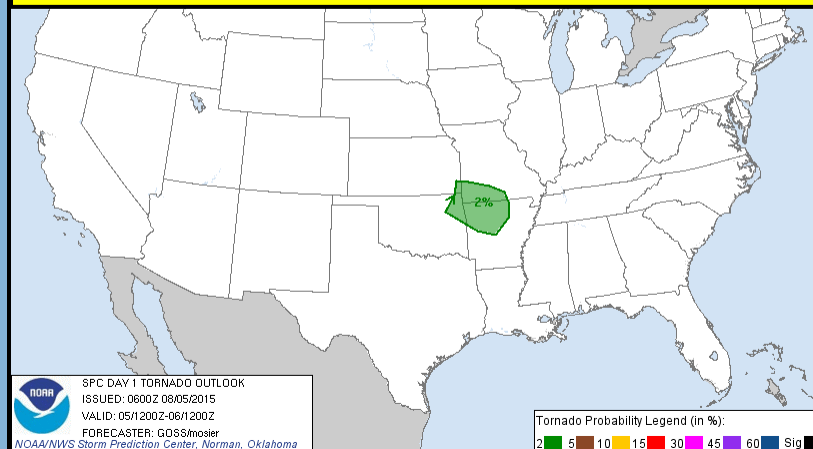
Severe Thunderstorm Potential



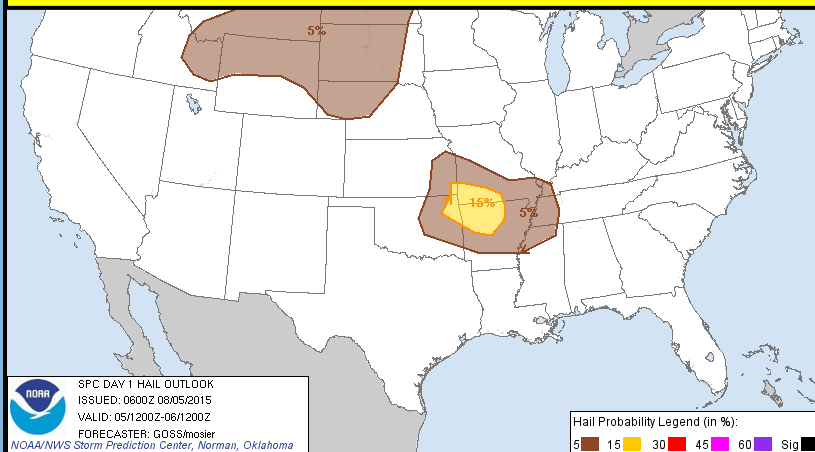
Overall Threat Potential



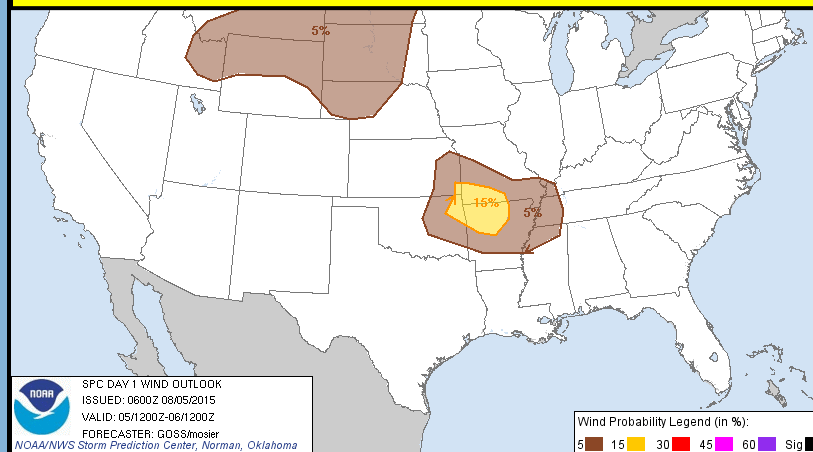
Probability of Tornado within 25 miles of a point



Probability of Damaging Hail within 25 miles of a point



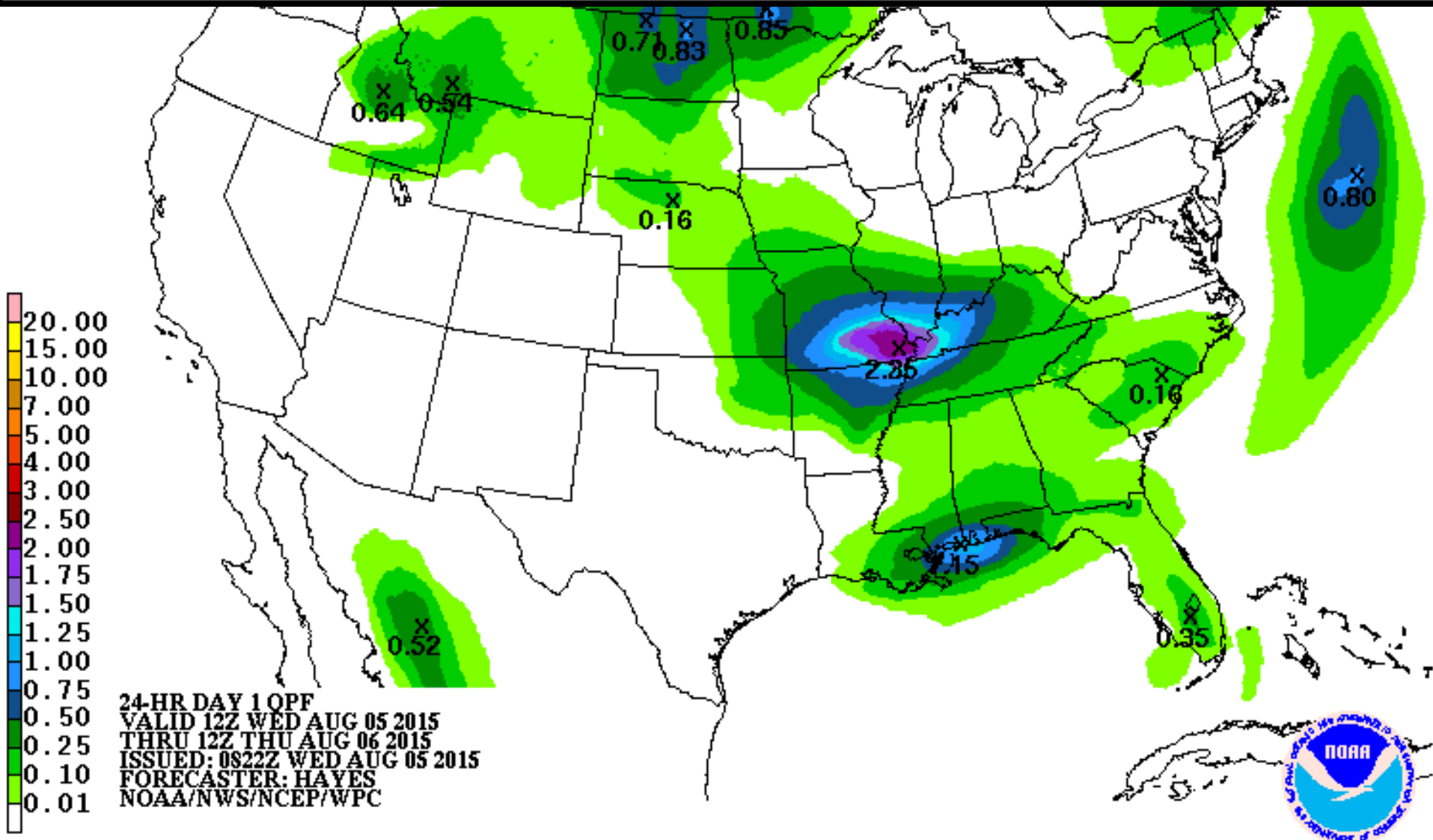
Probability of Damaging Winds within 25 miles of a point



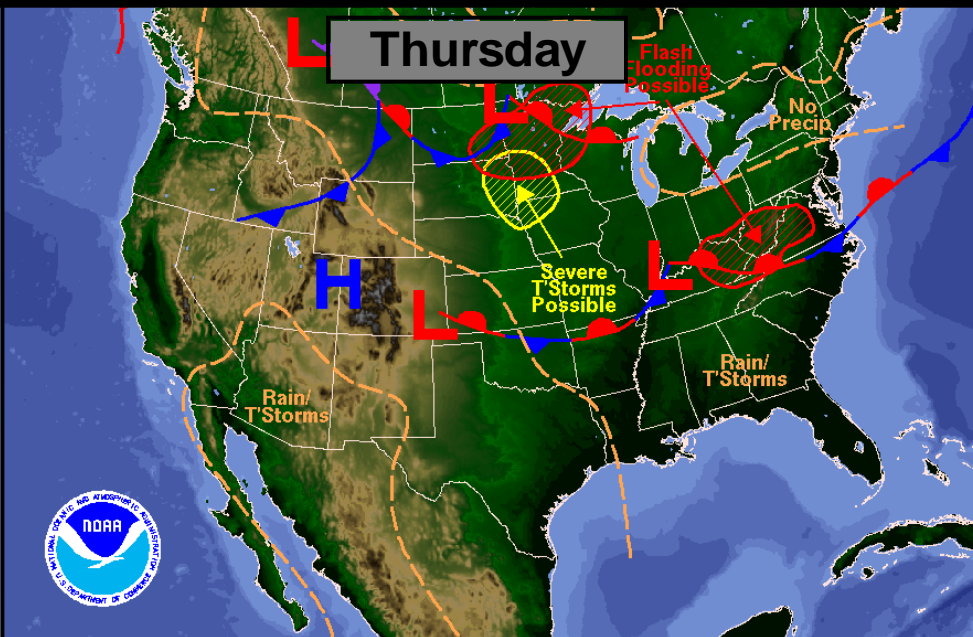
Building a Weather-Ready Nation

Today's Precipitation

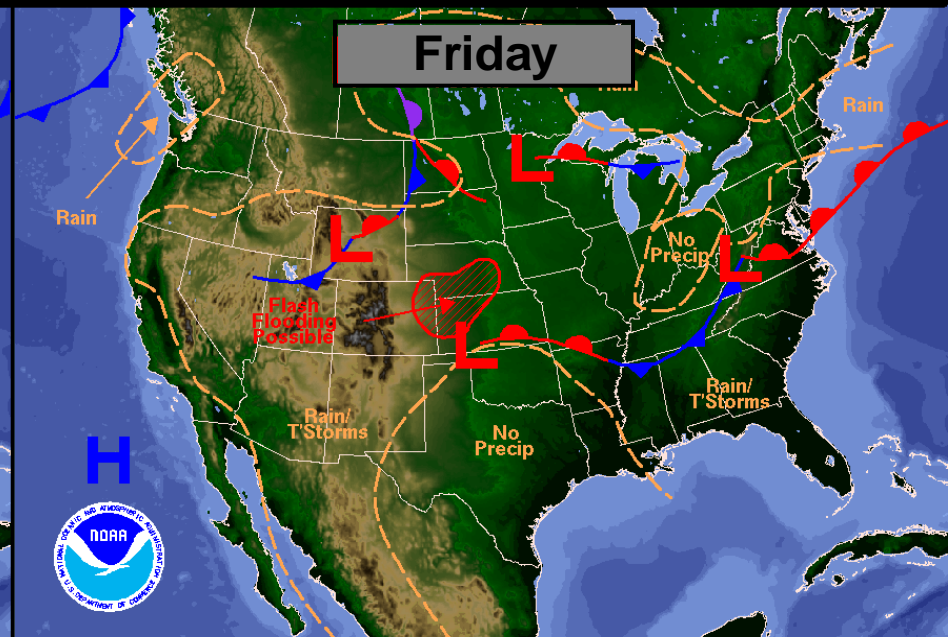
Wed AM - Thu AM



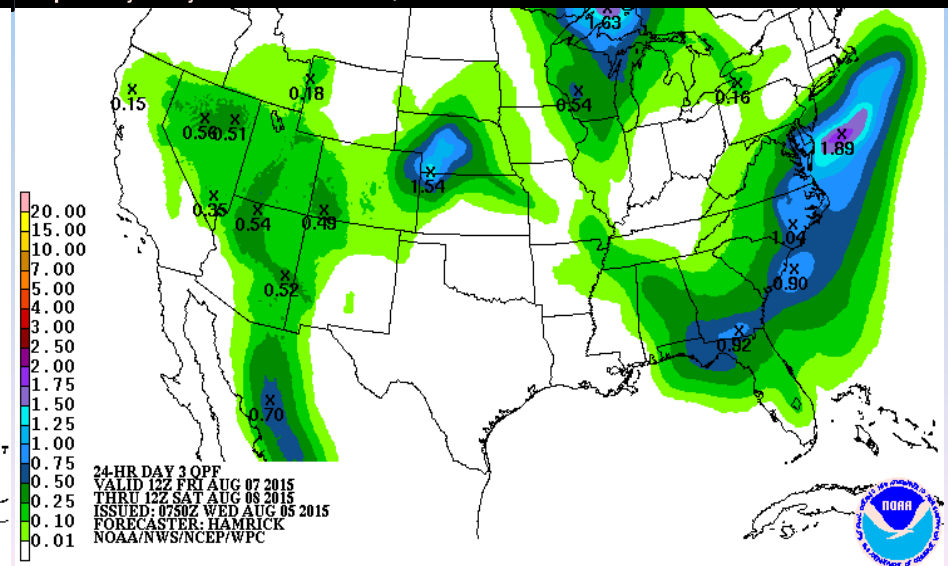
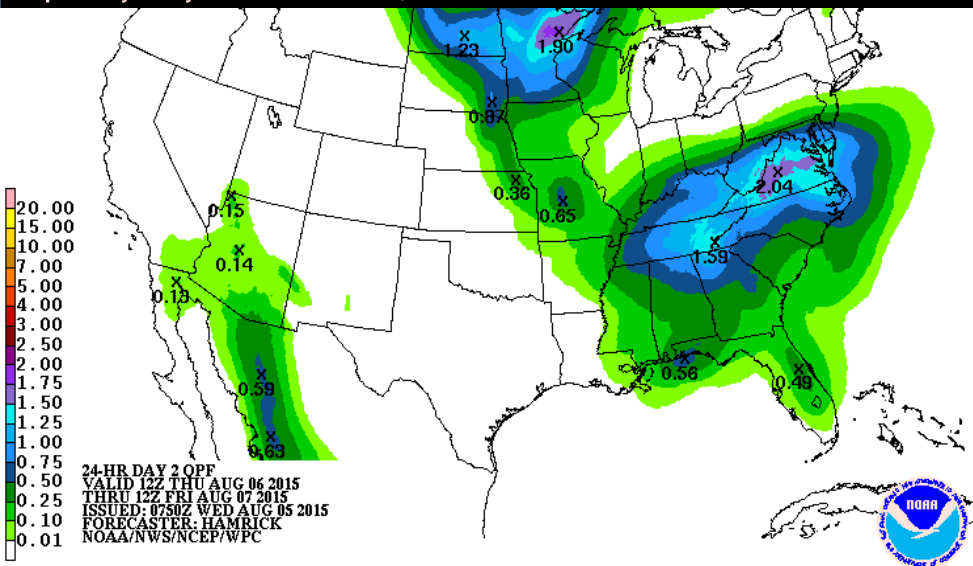
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Thu, Aug 06, 2015, issued 4:43 AM EDT Wed, Aug 05, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



Weather Forecast for Fri, Aug 07, 2015, issued 4:59 AM EDT Wed, Aug 05, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



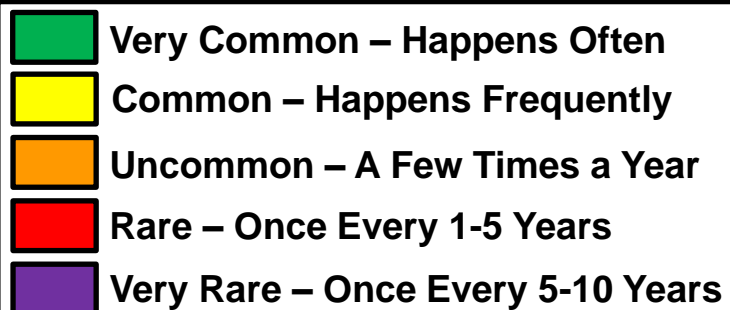
Day 2-3 Weather Hazards

Valid: 0800 Thu - 0800 Sat



**Heat index 103-105 for
much of TX/OK/AR/LA
on Thursday**

**Heat index 105-110 for
much of TX/OK/AR/LA
on Friday**








**Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*

Day 4-5 Weather Hazards

Valid: 0800 Sat - 0800 Mon



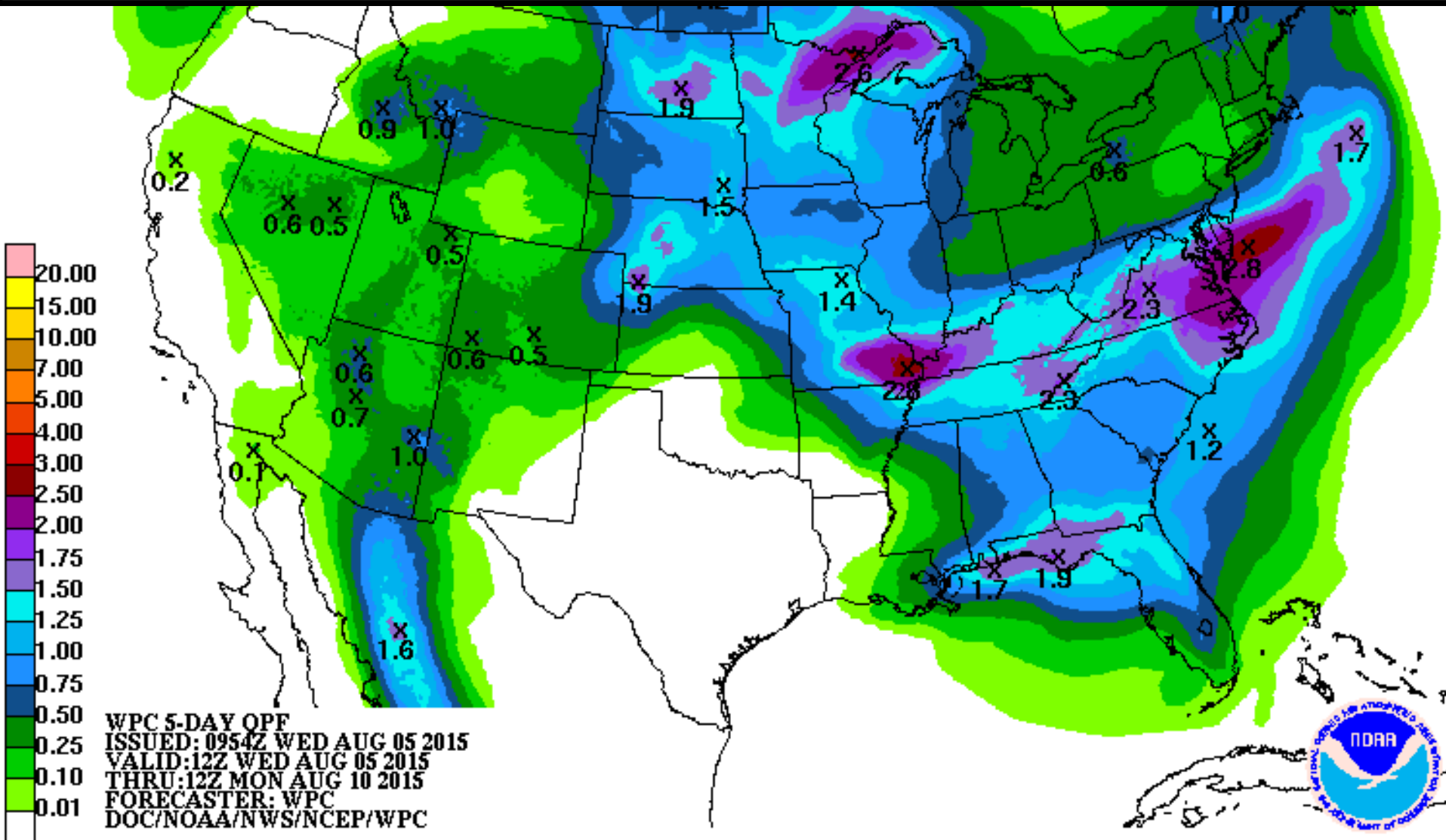
Heat index 105-110 for
much of TX/OK/AR/LA
over the weekend

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5-Day Precipitation

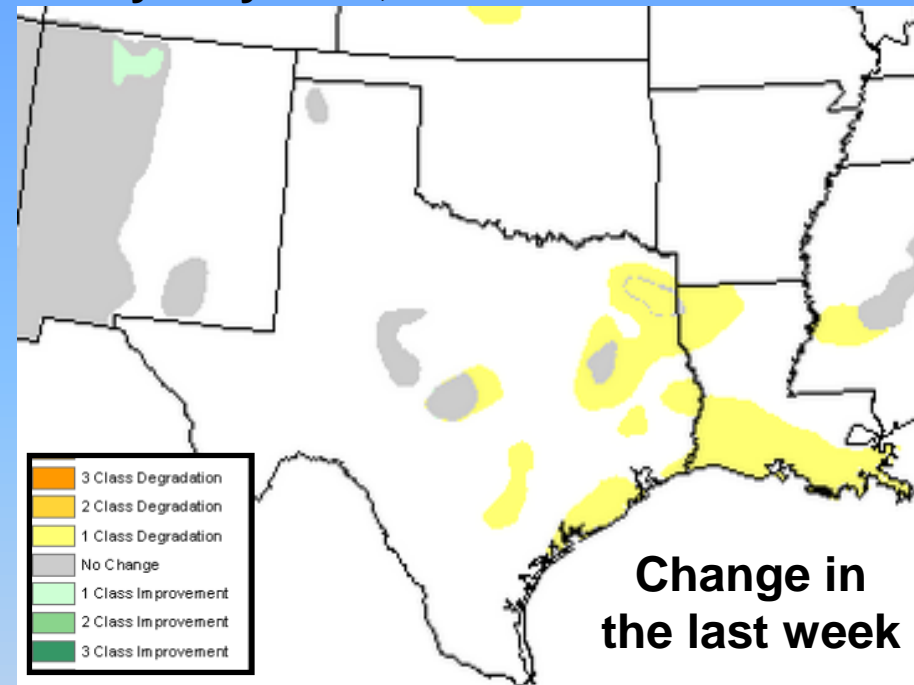
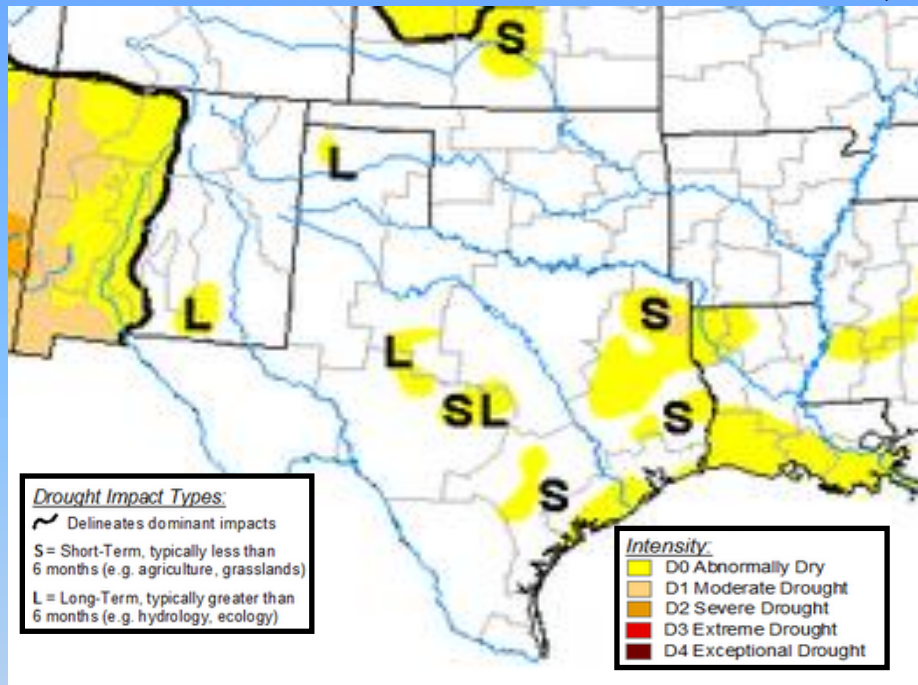
Wed AM - Mon AM





Drought Monitor Released July 30th, 2015

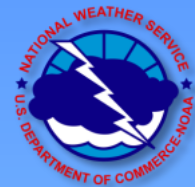
Data valid as of 7am CDT, Tuesday July 28th, 2015



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	24.34%	23.36%
Texas	0.00%	0.00%	5.57%	14.29%
New Mexico	0.00%	0.00%	0.00%	18.26%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

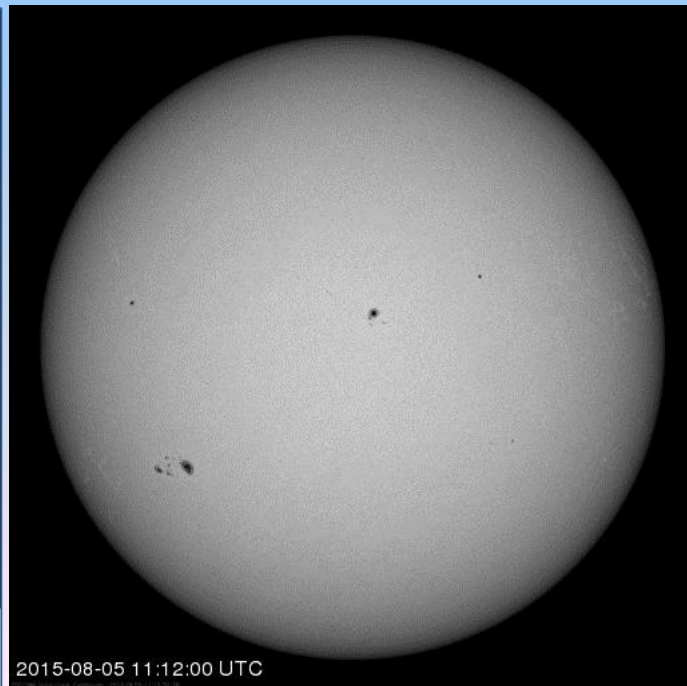
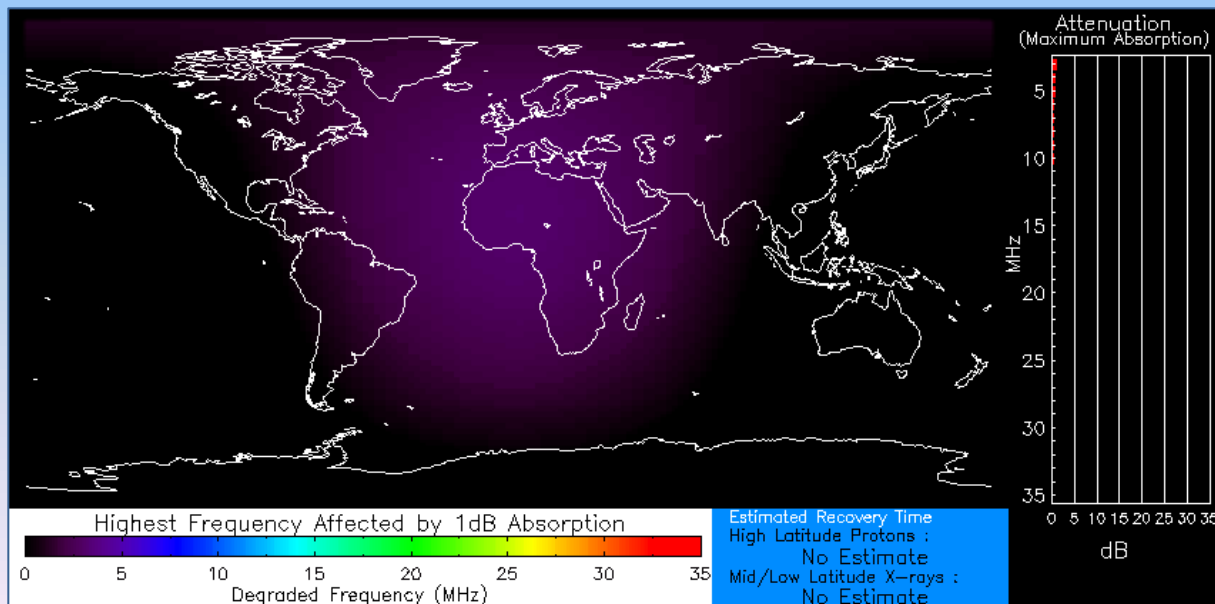
Space Weather 3-Day Forecast



	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Unsettled to Active (Max Kp = 4)	Minor Storm (G1) (Max Kp = 5)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	5%	5%	5%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2015-08-05 11:12:00 UTC

Normal X-ray Background
Product Valid At : 2015-08-05 11:50 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (817) 978-1100 x147

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